Claims

1. A method for optimizing the debarking result of logs debarked in a debarking drum, especially logs of mutually approximately the same size and of the same wood species, in such a way that wood losses remain as small as possible at the same time as the control values of the debarking drum are selected to be such that the debarking degree of the logs debarked in the debarking drum is of the desired order, **characterised** in that the amount of bark remaining on the logs in the log flow discharged from the debarking drum and the amount of damaged logs in the said log flow are measured, and that at the same time as the amount of bark remaining on the logs is maintained at a desired level, the amount of damaged logs is kept as low as possible, in such a way that the filling degree of the debarking drum is lowered whenever the amount of damaged logs is observed to increase.

2. A method as claimed in claim 1, **characterised** in that the amount of damaged logs is measured as an amount of logs shorter than the expected value, in other words as the amount of cut logs.

3. A method as claimed in claim 1, **characterised** in that the amount of damaged logs is measured as an amount of logs narrower than the expected value, in other words as the amount of logs that have splintered.

4. A method as claimed in claim 1, **characterised** in that the amount of damaged logs is measured as an amount of logs deviating from the expected cylindrical geometry of logs.

5. A method as claimed in claim 4, **characterised** in that the amount of damaged logs is measured by means of a comparison of the image formed of each log and the cylindrical expectancy geometry.

6. A method as claimed in claim 1, **characterised** in that the measurement is carried out as direct measurement at one point of in the log flow discharged from the debarking drum.

7. A method as claimed in claim 1, **characterised** in that when damaged logs are observed, the degree of filling is lowered at the same time as the debarking power required is compensated by increasing the speed of rotation of the drum.